

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
WO 2005/055838 A1

(51) International Patent Classification<sup>7</sup>: A61B 17/17, A61F 2/46

(21) International Application Number:  
PCT/GB2004/005168

(22) International Filing Date: 9 December 2004 (09.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0328788.5 12 December 2003 (12.12.2003) GB  
0402471.7 4 February 2004 (04.02.2004) GB  
0419983.2 9 September 2004 (09.09.2004) GB

(71) Applicant and

(72) Inventor: CHANA, Gursharan, Singh [GB/GB]; Kenwood, 57 Bracebridge Road, Sutton, Coldfield B74 2SL (GB).

(74) Agent: BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

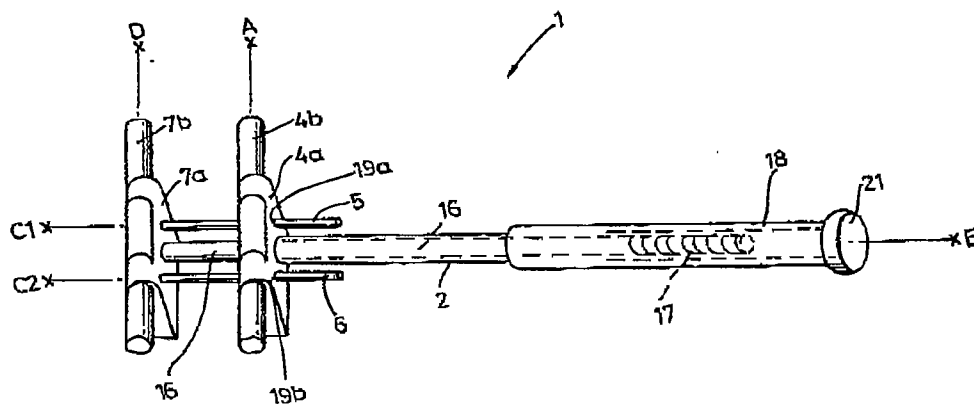
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report  
— with amended claims

[Continued on next page]

(54) Title: IMPROVED TARGETING DEVICE



(57) Abstract: The present invention provides a targeting device (1) for use in open, or minimally invasive, hip surgery to allow the position of the centreline of the femoral neck to be located. Also disclosed is its use in location of the centreline of the femoral neck. The targeting device comprises at least a first component (4) having a portion suitable for location on an outer surface of the femoral neck and a second component (7) having a portion suitable for marking the centreline of the femoral neck, wherein the first (4) and second (7) components are spaced apart from and parallel to one another and means is provided to alter the distance between the first (4) and second (7) components and means is provided to maintain the first (4) and second (7) components in a predetermined position relative to each other.

WO 2005/055838 A1